

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DKT NO. 7340-011	SERIAL NO. 10/797,513
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Higgins	
		FILING DATE March 10, 2004	GROUP 3749

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.
	A	3,105,540	10/1963	Hardgrove	431	9	
	B	3,528,797	09/1970	Funk, et al.	71	39	
	C	3,565,757	02/1971	Warshaw, et al.	23	2	
	D	3,773,897	11/1973	Fields, et al.	423	235	
	E	3,847,564	11/1974	Marion et al.	48	95	
	F	3,860,384	01/1975	Vulliet et al.	41	4	
	G	3,900,554	08/1975	Lyon	423	235	
	H	3,970,739	07/1976	Shiraishi et al.	423	23 S	
	I	4,021,188	05/1977	Yamagishi et al.	431	158	
	J	4,029,752	06/1997	Cahn	423	563	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CL.	SUBCL	TRANSLATION	
							YES	NO

## OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)


EXAMINER	/Sarah Suereth/ (06/07/2009)	DATE CONSIDERED
----------	------------------------------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SS/ (06/07/2009)  
(Form PTO-1449)

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY DKT NO. 7340-011		SERIAL NO. 10/797,513	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					APPLICANT Higgins			
					FILING DATE March 10, 2004		GROUP 3749	
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.	
	K	4,039,446	08/1997	Ban et al.	210	688		
	L	4,080,423	03/1978	Smith et al.	423	210		
	M	4,089,639	05/1978	Reed et al.	431	211		
	N	4,119,702	10/1978	Anuhata et al.	423	235		
	O	4,150,631	04/1979	Frey et al.	110	186		
	P	4,154,581	05/1979	Nack et al.	48	197R		
	Q	4,173,454	11/1979	Heins	44	522		
	R	4,196,057	04/1980	May et al.	205	775.5		
	S	4,208,386	06/1980	Arand et al.	423	235		
	T	4,213,944	07/1980	Azuhata et al.	423	235		
	U	4,294,178	10/1981	Borio et al.	110	347		
	V	4,318,718	03/1993	Carver et al.	110	347		
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NO.	DATE	COUNTRY	CL.	SUBCL.	TRANSLATION	
							YES	NO
<b>OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)</b>								
EXAMINER					DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

(Form PTO-1449)

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SS/ (06/07/2009)

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY DKT NO. 7340-011		SERIAL NO. 10/797,513	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					APPLICANT Higgins			
					FILING DATE March 10, 2004		GROUP 3749	
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.	
	W	4,325,924	04/1982	Arand et al.	423	235		
	X	4,375,949	03/1983	Salooja	431	7		
	Y	4,381,718	05/1993	Carver et al.	110	347		
	Z	4,469,050	09/1984	Korenberg	122	4D		
	AA	4,502,633	03/1985	Saxon	239	422		
	BB	4,504,211	03/1985	Beardmore	44	604		
	CC	4,506,608	03/1985	Strohmeyer, Jr.	110	245		
	DD	4,507,075	03/1985	Buss et al.	431	115		
	EE	4,507,269	03/1985	Dean et al.	423	235		
	FF	4,565,137	01/1986	Wright	110	264		
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NO.	DATE	COUNTRY	CL.	SUBCL.	TRANSLATION	
							YES	NO
<b>OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)</b>								
EXAMINER					DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

(Form PTO-1449)

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SS/ (06/07/2009)

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY DKT NO. 7340-011		SERIAL NO. 10/797,513	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Higgins						
		FILING DATE March 10, 2004			GROUP 3749			

  

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.
	GG	4,584,948	04/1986	Syred et al.	110	264	
	HH	4,624,840	11/1986	Dean et al.	423	235	
	II	4,627,965	12/1986	Hegemann et al.	423	242	
	JJ	4,672,900	06/1987	Santalla et al.	431	9	
	KK	4,704,084	11/1987	Liu et al.	431	7	
	LL	4,751,065	06/1998	Bowers	423	235	
	MM	4,777,024	10/1988	Epperly et al.	423	235	
	NN	4,780,289	10/1988	Epperly et al.	423	235	
	OO	4,809,910	09/1998	Svendssen	110	235	
	PP	4,824,441	04/1989	Kindig	44	604	
	QQ	4,842,834	06/1989	Burton	423	235	
	RR	4,873,930	10/1989	Egnese et al.	110	345	

  

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NO.	DATE	COUNTRY	CL.	SUBCL	TRANSLATION	
							YES	NO

  

OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)		

  

EXAMINER	DATE CONSIDERED
----------	-----------------

  

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449)

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY DKT NO. 7340-011		SERIAL NO. 10/797,513	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					APPLICANT Higgins			
					FILING DATE March 10, 2004		GROUP 3749	

  

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.	
	SS	4,915,036	04/1990	DeVita	110	215	
	TT	4,927,612	05/1990	Bowers	423	235	
	UU	4,926,711	10/1990	Yamauchi et al.	110	347	
	VV	4,978,514	12/1990	Hofmann et al.	423	235	
	WW	4,985,218	01/1991	DeVita	423	235	
	XX	4,992,249	02/1991	Bowers	423	235	
	YY	5,017,347	05/1991	Epperly et al.	423	235	
	ZZ	5,032,154	07/1991	Wright	422	109	
	AAA	5,048,432	09/1991	Hogmann	110	345	
	BBB	5,052,921	10/1991	Hemsath	423	121	

  

FOREIGN PATENT DOCUMENTS							
DOCUMENT NO.	DATE	COUNTRY	CL.	SUBCL.	TRANSLATION		
					YES	NO	

  

OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)		

  

EXAMINER	DATE CONSIDERED
----------	-----------------

  

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449)

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SS/ (06/07/2009)

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY DKT NO. 7340-011		SERIAL NO. 10/797,513	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					APPLICANT Higgins			
					FILING DATE March 10, 2004		GROUP 3749	
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.	
	CCC	5,057,293	05/1990	Epperly, et al.	423	235		
	DDD	5,105,747	04/1992	Khinkis et al.	110	345		
	EEE	5,139,754	08/1992	Luftglass et al.	423	235		
	FFF	5,146,858	09/1992	Tokuda et al.	110	261		
	GGG	5,240,404	08/1993	Hemsath et al.	431	9		
	HHH	5,261,602	11/1993	Brent et al.	239	132.3		
	III	5,286,467	02/1994	Sun et al.	423	239.1		
	JJJ	5,310,334	05/1994	Sprios	431	5		
	KKK	5,336,081	08/1994	Saito et al.	431	190		
	LLL	5,342,592	08/1994	Hoblyn et al.	423	235		
	MMM	5,345,883	09/1994	Panos	110	345		
	NNN	5,536,482	07/1996	Diep et al.	423	235		
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NO.	DATE	COUNTRY	CL.	SUBCL	TRANSLATION	
							YES	NO
<b>OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)</b>								
EXAMINER					DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

(Form PTO-1449)

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY DKT NO. 7340-011		SERIAL NO. 10/797,513	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					APPLICANT Higgins			
					FILING DATE March 10, 2004		GROUP 3749	
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.	
	OOO	5,489,419	02/1996	Diep et al.	423	235		
	PPP	5,585,081	12/1996	Chu et al.	423	239.1		
	QQQ	5,690,039	11/1997	Monroe et al.	110	264		
	RRR	5,707,596	01/1998	Lewandowski et al.	423	235		
	SSS	5,728,357	03/1998	von Harpe	423	239.1		
	TTT	5,809,910	09/1998	Svendssen	110	235		
	UUU	5,853,684	12/1996	Fang et al.	423	239.1		
	VVV	5,854,173	12/1998	Chang et al.	502	417		
	WWW	6,019,068	02/2000	Tsuo et al.	122	4D		
	XXX	6,042,371	03/2000	Mitani et al.	431	215		
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NO.	DATE	COUNTRY	CL.	SUBCL.	TRANSLATION	
							YES	NO
<b>OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)</b>								
EXAMINER					DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

(Form PTO-1449)

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SS/ (06/07/2009)

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY DKT NO. 7340-011		SERIAL NO. 10/797,513	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					APPLICANT Higgins			
					FILING DATE March 10, 2004		GROUP 3749	

  

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.
	TTT	6,109,911	08/2000	Tamminen et al.	431	4	
	UUU	6,190,628	02/2001	Carter	422	168	
	VVV	6,213,032	04/2001	Breen et al.	110	345	
	WWW	6,230,664	05/2001	Janka et al.	122	4D	
	XXX	6,280,695	08/2001	Lissianski et al.	423	239.1	
	YYY	6,315,555	11/2001	Salzsieder e al.	431	183	
	ZZZ	6,357,367	03/2002	Breen et al.	110	345	
	AAAA	6,398,039	06/2002	Xue et al.	210	504	
	BBBB	6,485,289	11/2002	Kelly et al.	431	4	
	CCCC	6,527,828	03/2003	Flippo et al.	95	54	
	DDDD	6,532,905	03/2003	Belin et al.	122	4D	
	EEEE	6,818,043	11/2004	Change et al.	95	37	

  

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	COUNTRY	CL.	SUBCL.	TRANSLATION
							YES      NO

  

OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)		

  

EXAMINER	DATE CONSIDERED
----------	-----------------

  

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449)

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SS/ (06/07/2009)



FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY DKT NO. 7340-011		SERIAL NO. 10/797,513	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					APPLICANT Higgins			
					FILING DATE March 10, 2004		GROUP 3749	
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.		
	FFFF	7,198,769	04/2007	Cichanowicz	423	239.1		
	GGGG	7,335,014	02/2008	Higgins	431	4		
	HHHH	2003/0011948	06/2003	Gaita et al.	96	108		
	IIII	2004/0045437	03/2004	Chang et al.	095	134		
	JJJJ	2004/0120872	06/2004	Fan et al.	423	239.1		
	KKKK	2004/0185399	09/2004	Moberg	431	4		
	LLLL	2004/0185402	09/2004	Moberg	431	9		
	MMMM	2004/0185401	09/2004	Moberg	431	9		
	OOOO	2004/0253161	12/2004	Higgins	423	235		
	PPPP	2005/0000901	01/2005	Campbell et al.	210	660		
<b>FOREIGN PATENT DOCUMENTS</b>								
	DOCUMENT NO.	DATE	COUNTRY	CL.	SUBCL	TRANSLATION		
						YES	NO	
<b>OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)</b>								
EXAMINER				DATE CONSIDERED				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SS/ (06/07/2009)

(Form PTO-1449)

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY DKT NO. 7340-011		SERIAL NO. 10/797,513	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					APPLICANT Higgins			
					FILING DATE March 10, 2004		GROUP 3749	
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.	
	QQQQ	2005/0002841	01/2005	Moberg	423	235		
	RRRR	2005/0013755	01/2005	Higgins	423	235		
	SSSS	6,953,494	10/2005	Nelson, Jr.	95	134		
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NO.	DATE	COUNTRY	CL.	SUBCL.	TRANSLATION	
							YES	NO
	TTTT	DE 28 37 156	03/1979	Germany (See US 5,146,858)				
	UUUU	WO/87/03507	06/1987	WIPO			X	
	VVVV	WO/05/079305	08/1999	EPO			X	
	WWW W	EP 0 287 224	10/1998	EPO			X	
	XXXX	EP 0936405	08/1999	EPO			X	
	YYYY	EP 0 326 943	01/1989	EPO			X	
	ZZZZ	GN 2 001 419	07/1978	UK			X	
	AAAAA	JP 53-112273	09/1978	Japan (See US 5,797,596)				
	BBBBB	JP 2003 31322	01/2003	Japan				
EXAMINER				DATE CONSIDERED				

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SS/ (06/07/2009)

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY DKT NO. 7340-011		SERIAL NO. 10/797,513	
		INFORMATION DISCLOSURE STATEMENT BY APPLICANT			APPLICANT Higgins			
					FILING DATE March 10, 2004		GROUP 3749	

  

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.

  

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NO.	DATE	COUNTRY	CL.	SUBCL.	TRANSLATION	
							YES	NO

  

OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)		
	CCCCC	Energy efficiency-our specialty-by Mobotec; undated related technology
	DDDDD	Combined DeNox/DeSox and additional NOx Reduction by Cleaning Flue Gas Condensate from Ammonia, Moberg, et al, presentation at PowerGen Intl. 11/30-12/2/99
	EEEEEE	RJM-LT, "Does This New NOx Control Technology Obsolete SCRs?"; RMJ Corp., undated related technology

  

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SS/ (06/07/2009) (Form PTO-1449)